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APPLICATION NO.	FILING DA	ATE -	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/922,060	22,060 08/03/2001		Deepak Pai	10001-29420	7591
2574	7590 0-	4/22/2004		EXAMINER	
JENNER & ONE IBM P	BLOCK, LLC	MAYEKAR, KISHOR			
CHICAGO,			•	ART UNIT	PAPER NUMBER
				1753	
				DATE MAILED: 04/22/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

·	Application No.	Applicant(s)				
Office Action Comments	09/922,060	PAI, DEEPAK	P			
Office Action Summary	Examiner	Art Unit				
	Kishor Mayekar	1753				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence addr	ess			
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	66(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONF	nely filed s will be considered timely. the mailing date of this common (35.U.S.C. & 133)	nunication.			
Status						
1) Responsive to communication(s) filed on 21 Se	eptember 2004.					
2a)⊠ This action is FINAL . 2b)□ This	action is non-final.					
3) Since this application is in condition for allowan			erits is			
closed in accordance with the practice under E.	x parte Quayle, 1935 C.D. 11, 45	3 O.G. 213.				
Disposition of Claims						
4)⊠ Claim(s) <u>1-11 and 13-57</u> is/are pending in the a	polication.					
4a) Of the above claim(s) <u>37-57</u> is/are withdraw						
5)⊠ Claim(s) <u>35</u> is/are allowed.						
6)⊠ Claim(s) <u>1-11, 13-34 and 36</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or	election requirement.					
Application Papers						
9)☐ The specification is objected to by the Examiner						
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction			1.121(d).			
11)☐ The oath or declaration is objected to by the Exa	aminer. Note the attached Office	Action or form PTO-	152.			
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign p a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents	have been received. have been received in Application	on No				
	3. Copies of the certified copies of the priority documents have been received in this National Stage					
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list o	f the certified copies not received	i .				
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary (PTO-413)				
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	Paper No(s)/Mail Dat 5)		2)			
Paper No(s)/Mail Date	6) Other:		-,			

DETAILED ACTION

Election/Restrictions

1. Newly submitted claims 37-57 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: new claims 37-48 (second invention) drawn to an HVAC system, claims 49-53 (third invention) drawn to a building and claims 54-57 (fourth invention) drawn to an apparatus configured to neutralize harmful agents which all are independent and distinct from original claims 1-11 and 12-36 (first invention) drawn to a dielectric barrier discharge system as they are different in effect (in accord with Applicant's remark that the cited prior art in the last Office being non-analogous art to new claims 37-57): the second invention with a safety system, the third invention with a control system and the fourth invention with a mobile cart.

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 37-57 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

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Claim Rejections - 35 USC \$ 102 and \$ 103

- 2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 3. Claims 1, 2, 11, 29 and 36 stand rejected under 35 U.S.C. 102(e) as being clearly anticipated by HEMINGWAY et al. (6,464,945), for reasons as of record.
- 4. Claims 18, 19 and 26-28 stand rejected under 35 U.S.C. 103(a) as being unpatentable over HEMINGWAY '945, for reasons as of record.
- 5. Claims 4-10 stand rejected under 35 U.S.C. 103(a) as being unpatentable over HEMINGWAY '945 in view of KIERSER et al. (5,746,051), for reasons as of record.
- 6. Claims 4-10 and 13-25 stand rejected under 35 U.S.C. 103(a) as being unpatentable over HEMINGWAY '945 in view of LIOU (6,007,785) and RACCA et al. (6,024,930), for reasons as of record.

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7. Claim 30 stands rejected under 35 U.S.C. 103(a) as being unpatentable over HEMINGWAY '945 in view of SLIPIEC et al. (3,967,131), for reasons as of record.

8. Claim 3 stands rejected under 35 U.S.C. 103(a) as being unpatentable over HEMINGWAY '945 in view of BIRMINGHAM et al. (4,954,320), for reasons as of record.

Allowable Subject Matter

9. Claim 35 stand/allowed, for reasons as of record.

Response to Arguments

10. Applicant's arguments filed 21 September 2004 have been fully considered but they are not persuasive.

In response to Applicant's argument that HEMINGWAY fails to disclose, teach, or suggest a protective layer covering the recited conductive coating, HEMINGWAY does teach a dielectric barrier discharge plasma cell comprising all the structures as claimed as asserted by the examiner in the last Office action with

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- a conductor 38; and
- dielectric spaced apart from the conductor 38, comprising
 - a dielectric substrate 28 having a first surface nearer to the conductor 38 and a second surface, opposite the first surface and father away from the conductor 38;
 - a conductive coating 26 on the second surface; and
 - a protective coating 34 covering the conductive coating 26.

Since HEWINGWAY teaches the plasma cell comprises all the structures as claimed, it anticipates claims 1, 2 11, 29 and 36.

As to the rejections of other claims 3-10, 13-28 and 30-35, the rejections are maintained.

Conclusion

11. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the

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advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kishor Mayekar whose telephone number is (571) 272-1339. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR Application/Control Number: 09/922,060

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only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kishor Mayekar Primary Examiner Art Unit 1753